

Product Number: **A6191**Product Name: **Antipain hydrochloride**[Register or Login
for Pricing](#)
[Click Here](#)

[Product Information](#)
[Description](#)
[Certificate of Analysis](#)
[MSDS](#)
[Datasheet](#)
[Images](#)
[Print Preview](#)
[Bulk Quote](#)
[Ask A Scientist](#)

Synonyms: N-(N α -Carbonyl-Arg-Val-Arg-al)-Phe**MDL number:** MFCD00135957**Molecular Formula:** C₂₇H₄₄N₁₀O₆**Molecular Weight:** 604.7**CAS Number:** 37682-72-7**MDL Number:** MFCD00135957**Storage Temp:** -0°C**R&S:** : S: 22-24/25**Literature References:**

1. Suda, H., et al., *J. Antibiot.* **25**, 263 (1972)
2. Umezawa, H, Structures and activities of protease inhibitors of microbial origin *Meth. Enzymol.* **45**, 678 (1976)
3. Deutscher, M.P, Maintaining protein stability *Meth. Enzymol.* **182**, 83-89 (1990)
4. Gegenheimer, P, Preparation of extracts from plants *Meth. Enzymol.* **182**, 174-193 (1990)
5. Beynon, R.J. and Bond, J.S., ed., *Proteolytic Enzymes: A Practical Approach*, New York, NY (1989), 242
6. Zollner, H., ed., *Handbook of Enzyme Inhibitors* 2nd ed., (1993), 94
7. Dawson, R., ed., *Data for Biochemical Research* 3rd ed., (1987), 328

Comments:

microbial

Stock solutions in water or buffer stable for 1 week at 4 °C, 1 month at -20 °C.

Biochemical/physiological actions: Non-selective serine and cysteine protease inhibitor.

Extended specifications	
Solubility	
methanol	soluble
DMSO	soluble
ethanol	soluble
butanol	soluble
propanol	soluble
water	50 mg/mL